

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100322AL\
 Data File : FE037906.D
 Signal(s) : FID1B.ch
 Acq On : 03 Oct 2022 21:24
 Operator : YP\AJ
 Sample : N4943-03MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOIL-002-0930MSD

Integration File: autoint1.e
 Quant Time: Oct 04 04:40:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.607	4923335	28.465 ug/ml
Spiked Amount 50.000		Recovery =	56.93%
12) S 1-chlorooctadecane (S...	13.028	4449815	32.922 ug/ml
Spiked Amount 50.000		Recovery =	65.84%
Target Compounds			
1) T n-Nonane (C9)	3.009	4723135	32.069 ug/ml
2) T n-Decane (C10)	4.264	5306955	35.895 ug/ml
3) T A~Naphthalene (C11.7)	5.975	7578544	55.342 ug/ml
4) T n-Dodecane (C12)	6.433	6032984	39.591 ug/ml
5) T A~2-methylnaphthalene...	7.069	7318296	55.063 ug/ml
6) T n-Tetradecane (C14)	8.253	6699407	43.772 ug/ml
7) T n-Hexadecane (C16)	9.850	7065488	45.234 ug/ml
8) T n-Octadecane (C18)	11.285	7529288	46.941 ug/ml
10) T n-Eicosane (C20)	12.587	7619002	46.722 ug/ml
11) T n-Heneicosane (C21)	13.194	7427847	45.081 ug/ml
13) T n-Docosane (C22)	13.777	7297550	44.332 ug/ml
14) T n-Tetracosane (C24)	14.876	14269397	87.006 ug/ml
15) T n-Hexacosane (C26)	15.888	6975325	42.777 ug/ml
16) T n-Octacosane (C28)	16.831	7878874	49.182 ug/ml
17) T n-Tricontane (C30)	17.716	6402982	40.012 ug/ml
18) T n-Dotriacontane (C32)	18.541	6468920	41.080 ug/ml
19) T n-Tetratriacontane (C34)	19.319	5887334	39.737 ug/ml
20) T n-Hexatriacontane (C36)	20.054	5425527	37.634 ug/ml
21) T n-Octatriacontane (C38)	20.750	5355181	39.463 ug/ml
22) T n-Tetracontane (C40)	21.519	5287989	41.541 ug/ml

(f)=RT Delta > 1/2 Window

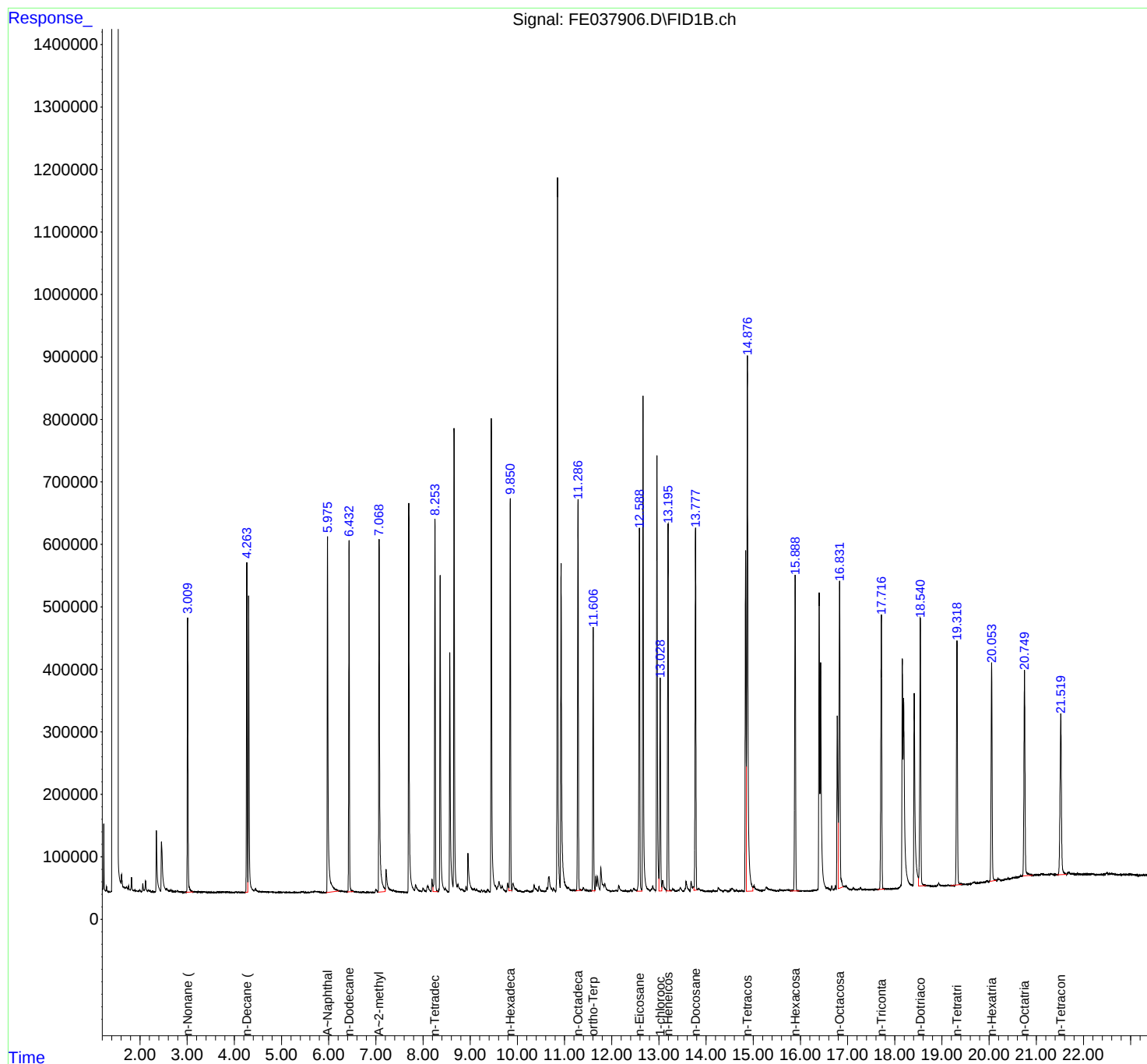
(m)=manual int.

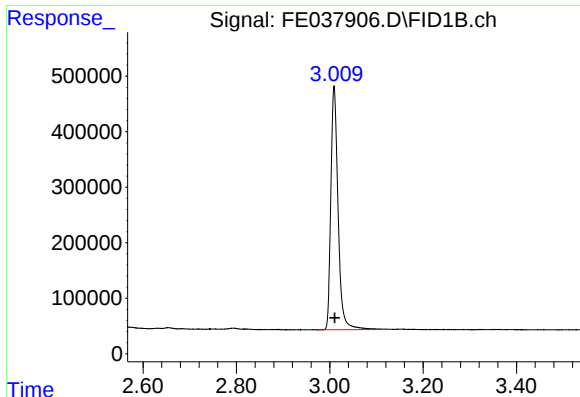
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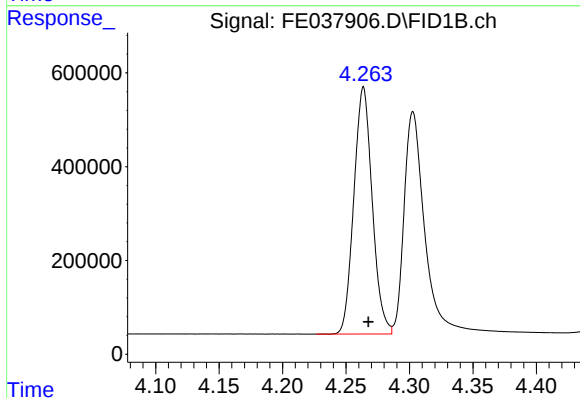




#1 n-Nonane (C9)

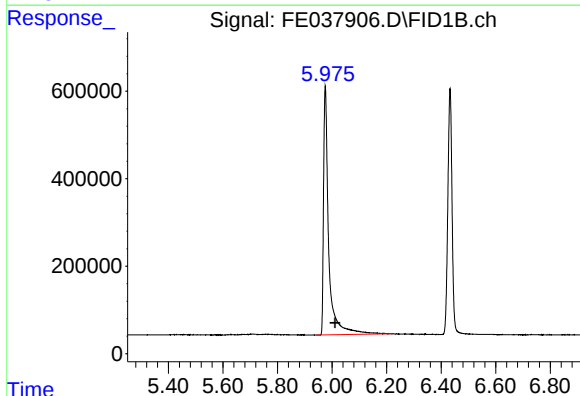
R.T.: 3.009 min
Delta R.T.: -0.002 min
Response: 4723135
Conc: 32.07 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL-002-0930MSD



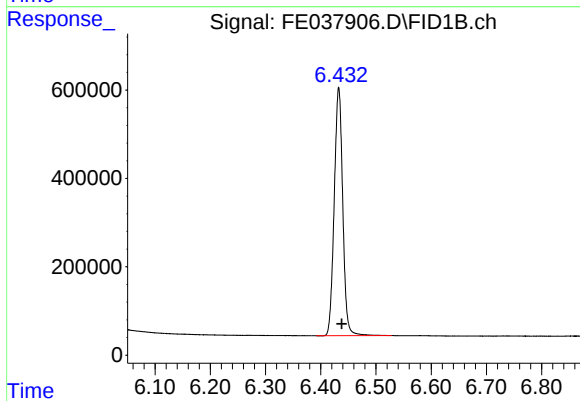
#2 n-Decane (C10)

R.T.: 4.264 min
Delta R.T.: -0.004 min
Response: 5306955
Conc: 35.89 ug/ml



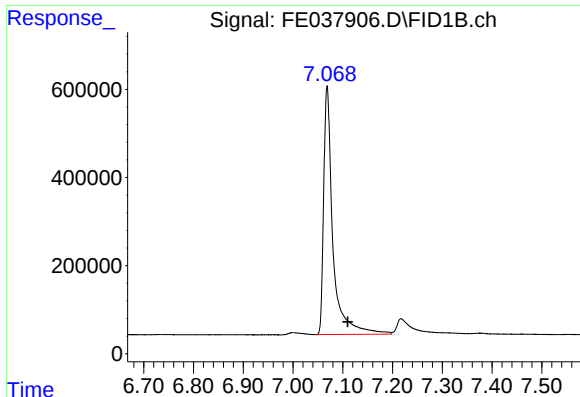
#3 A~Naphthalene (C11.7)

R.T.: 5.975 min
Delta R.T.: -0.036 min
Response: 7578544
Conc: 55.34 ug/ml



#4 n-Dodecane (C12)

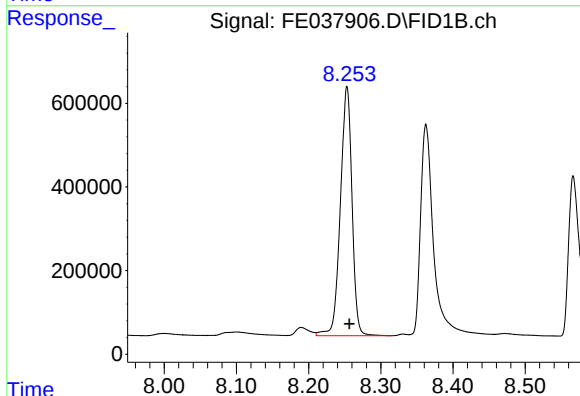
R.T.: 6.433 min
Delta R.T.: -0.006 min
Response: 6032984
Conc: 39.59 ug/ml



#5 A~2-methylnaphthalene (C12.89)

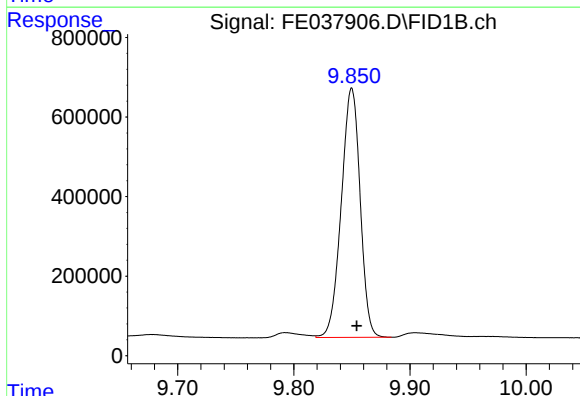
R.T.: 7.069 min
Delta R.T.: -0.041 min
Response: 7318296
Conc: 55.06 ug/ml

Instrument :
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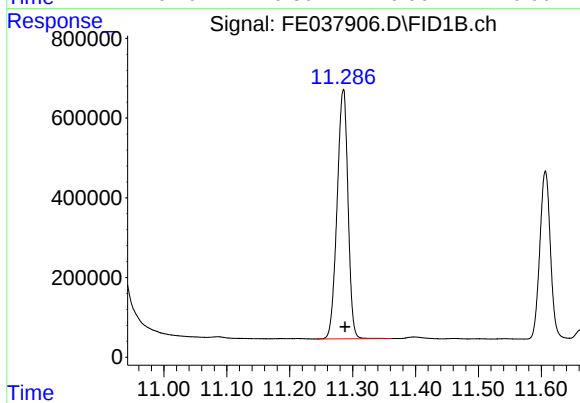
#6 n-Tetradecane (C14)

R.T.: 8.253 min
Delta R.T.: -0.003 min
Response: 6699407
Conc: 43.77 ug/ml



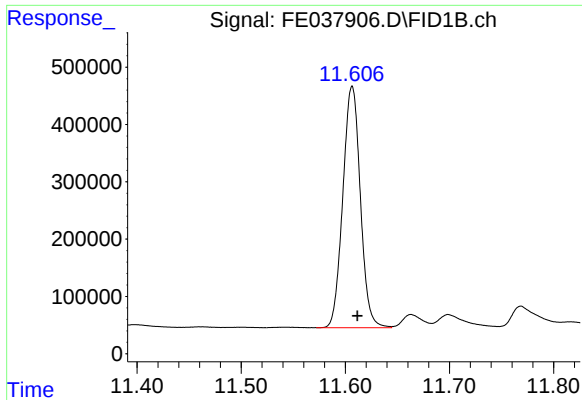
#7 n-Hexadecane (C16)

R.T.: 9.850 min
Delta R.T.: -0.004 min
Response: 7065488
Conc: 45.23 ug/ml



#8 n-Octadecane (C18)

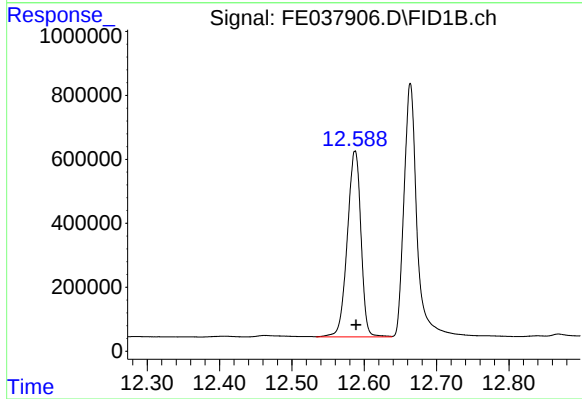
R.T.: 11.285 min
Delta R.T.: -0.003 min
Response: 7529288
Conc: 46.94 ug/ml



#9 ortho-Terphenyl (SURR)

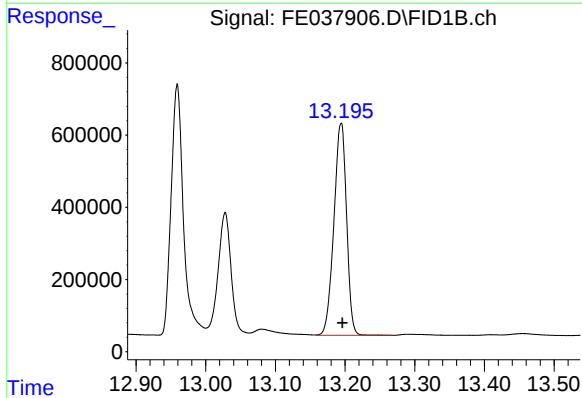
R.T.: 11.607 min
Delta R.T.: -0.005 min
Response: 4923335
Conc: 28.46 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL-002-0930MSD



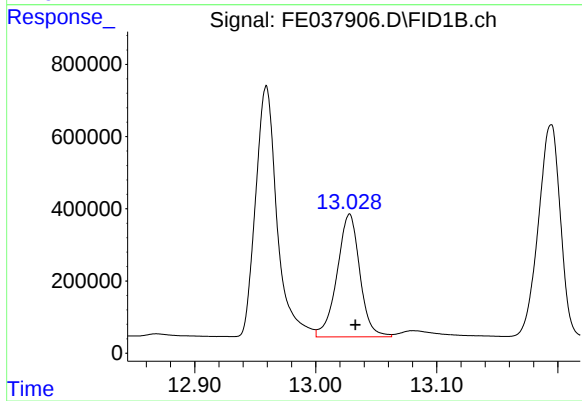
#10 n-Eicosane (C20)

R.T.: 12.587 min
Delta R.T.: -0.001 min
Response: 7619002
Conc: 46.72 ug/ml



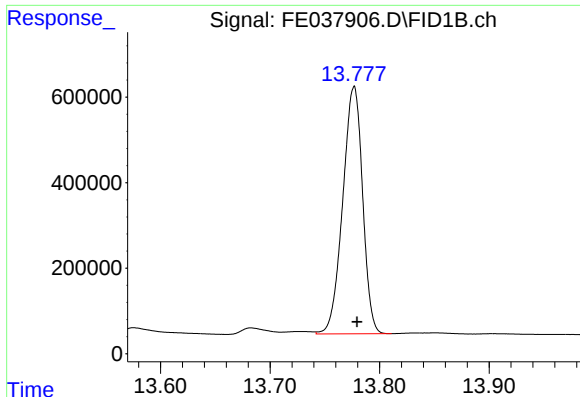
#11 n-Heneicosane (C21)

R.T.: 13.194 min
Delta R.T.: -0.002 min
Response: 7427847
Conc: 45.08 ug/ml



#12 1-chlorooctadecane (SURR)

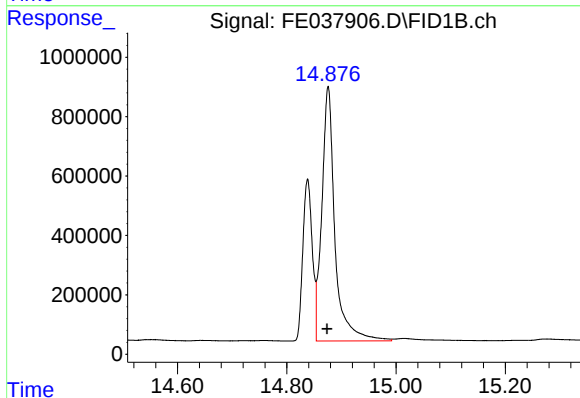
R.T.: 13.028 min
Delta R.T.: -0.005 min
Response: 4449815
Conc: 32.92 ug/ml



#13 n-Docosane (C22)

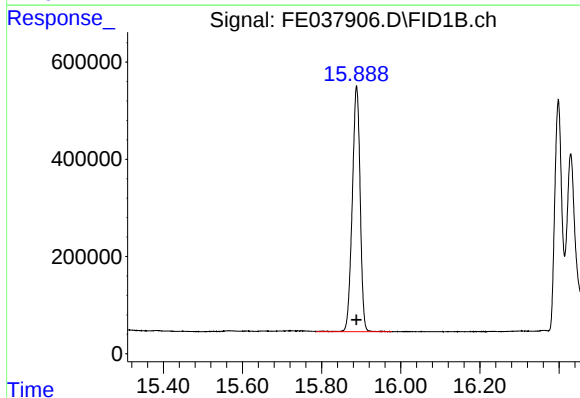
R.T.: 13.777 min
Delta R.T.: -0.003 min
Response: 7297550
Conc: 44.33 ug/ml

Instrument :
FID_E
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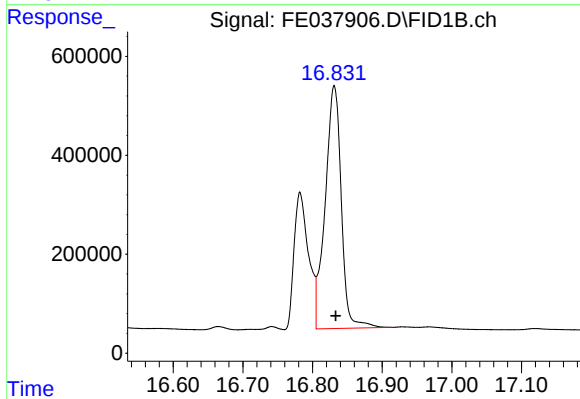
#14 n-Tetracosane (C24)

R.T.: 14.876 min
Delta R.T.: 0.002 min
Response: 14269397
Conc: 87.01 ug/ml



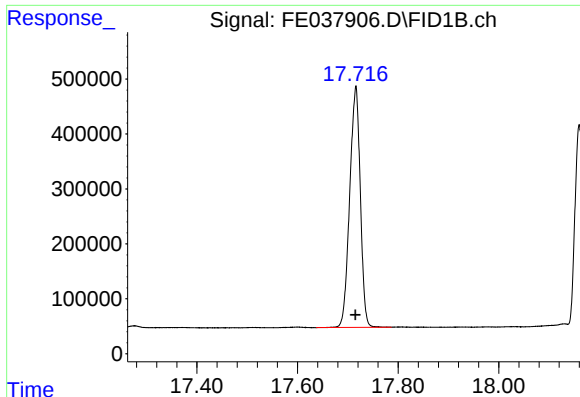
#15 n-Hexacosane (C26)

R.T.: 15.888 min
Delta R.T.: 0.000 min
Response: 6975325
Conc: 42.78 ug/ml



#16 n-Octacosane (C28)

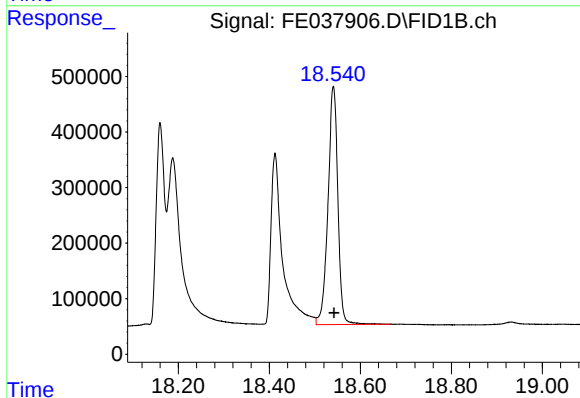
R.T.: 16.831 min
Delta R.T.: -0.002 min
Response: 7878874
Conc: 49.18 ug/ml



#17 n-Tricontane (C30)

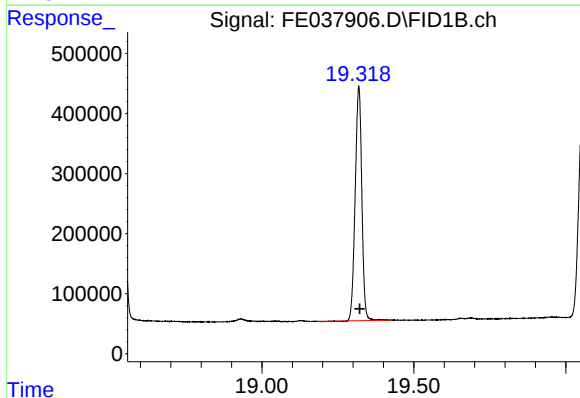
R.T.: 17.716 min
Delta R.T.: 0.000 min
Response: 6402982
Conc: 40.01 ug/ml

Instrument :
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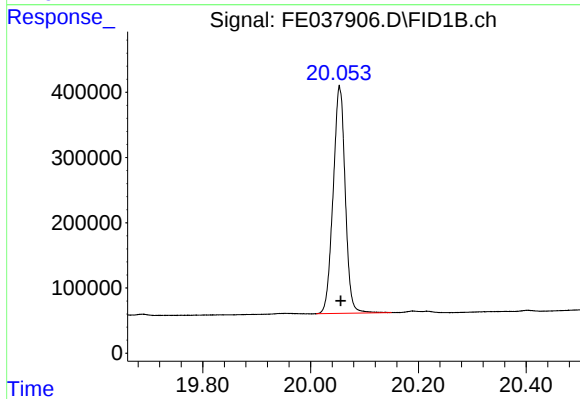
#18 n-Dotriacontane (C32)

R.T.: 18.541 min
Delta R.T.: -0.002 min
Response: 6468920
Conc: 41.08 ug/ml



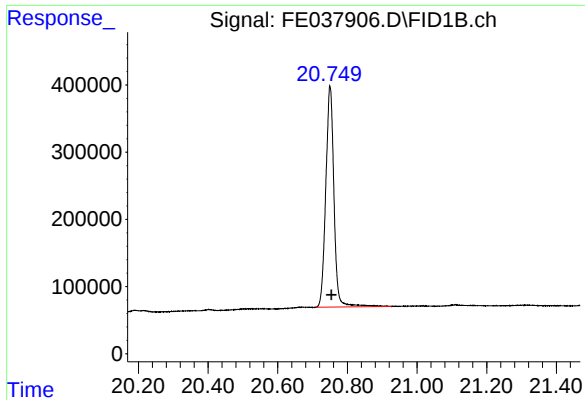
#19 n-Tetratriacontane (C34)

R.T.: 19.319 min
Delta R.T.: -0.003 min
Response: 5887334
Conc: 39.74 ug/ml



#20 n-Hexatriacontane (C36)

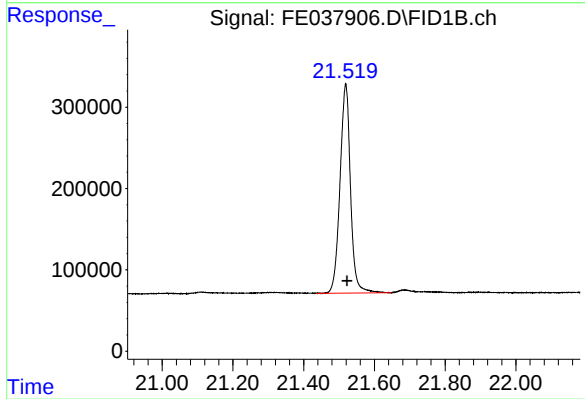
R.T.: 20.054 min
Delta R.T.: -0.002 min
Response: 5425527
Conc: 37.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.750 min
Delta R.T.: -0.004 min
Response: 5355181
Conc: 39.46 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL-002-0930MSD



#22 n-Tetracontane (C40)

R.T.: 21.519 min
Delta R.T.: -0.004 min
Response: 5287989
Conc: 41.54 ug/ml